NEWTOWN & LLANIDLOES RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF

THE PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1966

MEDICAL OFFICER OF HEALTH

Amelia Evans, B.Sc.,M.B.,B.Ch.,D.P.H.
County Health Offices,
Newtown. Telephone: Newtown 6734

PUBLIC HEALTH INSPECTOR.

A.J.Maddocks,Esq., M.A.P.H.I.,
18, High Street,
Newtown. Telephone: Newtown 514

ADDITIONAL PUBLIC HEALTH INSPECTOR.

W.H.Farr,Esq.

NEWTOWN & LLANIDLOES RURAL DISTRICT COUNCIL.

Chairman: Cllr.C.W.Pritchard.
Vice Chairman: Cllr.J.Eric Bebb.
Members:

R.E.Abel	J.Owen Jones.
H.H.Bennett	J.H.Jarman.
R.E.Breese.	Sydney Jones. - died August 1966.
H.B.Davies.	T.E.Jones.
J.P.Davies.	G.L.Lewis.
J.W.Griffiths.	T.E.Lewis.
L.S.Hough.	Mrs.E.M.Linhard.
T.E.Huxley.	D.E.Thomas.
J.W.Jones.	W.J.Vaughan.
E.Owen Jones.	Frank Williams.

Mr.D.M.I.Rees was elected member for the Parish of Llanidloes -Without in place of Mr.Sydney Jones.

M.O.H. Newtown & Llanidloes R.D.C.
Annual Report 1966.

Miss E M Wright E203. 13 MAY 1970
E M Wright

13 MAY 1970

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To the Chairman and Members of the
Newtown & Llanidloes Rural District Council.

Mr.Chairman,
Mrs.Linhard & Gentlemen,

Once again I have to report to you on the health and sanitary arrangements in your district for the year 1966 - in accordance with the Welsh Board of Health Circular 1/67.

NATICNAL ASSISTANCE ACT 1947. Section 47

No action was taken under this Act. Its application is mainly directed towards the elderly, but not always so. It allows of the removal from their homes of people who are living in insanitary conditions and who are not receiving help from others and are in such a state that their condition is prejudicial to their health.

The good provision of a home help does a lot to alleviate any such conditions occuring and tribute must be paid to many home helps for their efforts in these conditions.

The availability of bungalows especially built for the elderly and with a provision of a warden will further reduce the necessity to take action under this Section.

WATER SUPPLIES.

The various water supplies in the District are the responsibility of the Montgomeryshire Water Board.

The inadequate supply at Trefeglwys still exists and last year water was carried to the school.

The position at Llandinam is still not good but it is hoped that the Board will be able to produce a satisfactory supply here within the foreseeable future.

The position at Abehafesp is not too good, and a mains water supply is needed.

SANITATION.

Clatter.

The scheme to sewer the village of Clatter was commenced early in the year and progress was very satisfactory. By the end of the year it was completed with the exception of the installation of machinery and connection to the electricity supply. Plans were drawn up for house connections and a tender was accepted.

It was with deep regret that the Council learned of the sudden death in August of the resident engineer. He had been an exceptionally good resident engineer and no doubt, to him is due the expedient way this scheme was carried out.

Supervision of this scheme was taken over by the Clerk of Works.

Llandinam.

I regret having to report that no physical work on this scheme was done at all. It is a matter of urgency that this village should be adequately sewered. Throughout the year I receive complaints regarding sickness and diarrhoea at the village school and I am convinced that this is due to the inadequate sewerage arrangements at the school. The Education Authority await the provision of apublic sewer.

The delay in commencing this work was due to the failure of the Contractor whose tender had been accepted and approved to produce a bond. The next lowest tenderer was negotiated with successfully about November and it is hoped work will start very soon on this scheme.

Caersws.

It was decided to extend the sewer at Caersws to serve the proposed new houses. Plans have been drawn up and were awaiting approval.

Llanwnog.

The gravity scheme draining to Caersws was submitted by the Consultants and is awaiting approval.

There is a possibility that the disposal works at Caersws will have to be enlarged.

Trefeglwys

Until this village has a good public supply of water it will not be possible to provide a public sewer.

Sarn.

A scheme has been submitted to the Welsh Office and there will be a local investigation. I understand that administrative difficulties are holding it up.

Manafon and New Mills.

An outline scheme has been prepared.

The Council has provided public sewerage facilities at Llangerrig, Caersws, Carno, Kerry, Tregynon, Bettws, Bwlchyffridd and Stepaside.

PUBLIC CONVENIENCES.

The Council plans to build a public convenience at Carno but this has been deferred due to the economic situation.

REFUSE COLLECTION.

Tipping is carried out at Hemprompren Cwmbelan and at the Brickyard, Tregynon.

HOUSING.

Dolfor. Four houses were completed.

Carno. The building of four houses and four bungalows for the elderly was commenced.

Bettws. Four bungalows were commenced but progress was very disappointing.

Kerry. Three houses and six bungalows were commenced.

Stepaside. Plans were prepared and a tender accepted during the year.

Caersws. The layout of 16 bungalows was considered and approved but the delay in any further progress was because of the fact that the sewer extension had not been commenced.

At the end of the year 25 houses were under construction by private builders and 17 were completed in the year.

The Council own houses in most of the villages throughout its district.

Dolfar	4	Aberhafesp	4
Llangerrig	14	Manafon	2
Llandinam	12	Tregynon	12
Tregeglwys	6	Bettws	12
Caersws	59	Sarn	4
Adfa	4	Bwlchyffridd	4
Carno	24	Kerry	24

SLAUGHTERHOUSES.

There are four privately owned slaughterhouses in the district, at Clatter, Trefeglwys, Caersws and Tregynon and all meat is inspected.

SERVICES UNDER THE FOOD & DRUGS ACT,1955

(a) I have not been aware of any brucella abortus occuring in this district. The Food & Drugs Inspector of the County Council carries out sampling on raw milk, this will be reported in the Report of the County Medical Officer.

(b) Liquid Egg (Pasteurisation) Regulations, 1963

There are no egg pasteurisation plants in the District.

(c) There is a poultry processing premises at Vaynor Park and Mr.Maddocks will investigate the conditions here. Up until the end of the year the premises had not been visited by him.

It has been ascertained that in 1966, 2296 fowls and 100 capons were killed, of these 58 were unfit for human consumption. The birds are weighed in the crates, killed and placed in a rotary holding stand, passed into a Quick Pick Dipping Tank and passed through a Copes Quick Pick Drum Plucker. The birds are neither bled nor eviscerated. After being allowed to cool they are placed in the refrigerator until transported to Smithfield, Manchester.

VITAL STATISTICS.

There were 108 live births giving a rate of 12.74 per 1,000 population compared with 13.60 in 1965.

There were no still births and none in 1965.

There were eight illegitimate births which is 7.4% of total births, compared with six illegitimate births in 1965.

There were two deaths of infants under 1 year, which gives a rate of 18.5 per 1,000 live births compared with 25.9 per 1,000 in 1965.

There were 93 deaths from all causes giving a rate of 10.73 per 1,000 population empowered with 11.25 in 1965.

I would like to express my sincere appreciation of all the help and co-operation I get from all the members of the Council's Staff, both in the Clerk's Department and in the Public Health Department.

I am, Mrs.Linhard and Gentlemen,

Your obedient servant.

AMELIA EVANS.

April,1967

STATISTICAL SURVEY

District	Area in Acres	Population 1966	Population 1965	Rateable Value 1966	Rateable Value 1965	Product of 1d. Rate 1966	Product of 1d. Rate 1965
Llanidloes	617	2,360	2,370	£ 51,697	£ 51,061	£200	£200
Machynlleth U.D.	1,183	1,810	1,790	£ 52,945	£ 50,710	£200	£207
Newtown U.D.	7,224	5,500	5,490	£165,180	£153,691	£625	£605
Machynlleth R.D.	98,564	2,670	2,710	£ 32,659	£ 31,980	£118	£115
Newtown R.D.	151,231	8,480	8,530	£106,917	£100,459	£397	£371

LIVE BIRTHS

	1966						1965					
	Legitimate			Illegitimate			Legitimate			Illegitimate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Llanidloes	14	15	29	1	1	2	11	18	29	2	0	2
Machynlleth UD	11	11	22	1	0	1	12	9	21	0	1	1
Newtown U.D.	45	38	83	2	2	4	40	42	82	4	4	8
Machynlleth RD	18	7	25	2	3	5	13	14	27	1	2	3
Newtown R.D.	45	55	100	4	4	8	52	58	110	1	5	6

	Home Confinements 1966	Home Confinements 1965	Still Births 1966	Still Births 1965	Premature Births 1966	Premature Births 1965
Llanidloes	2	3	1 (illeg.)	0	5	1
Machynlleth U.D.	0	0	1 twin.	0	0	2
Newtown U.D.	2	7	2 (1 illeg.)	1	4	1
Machynlleth R.D.	0	0	1	0	1	1
Newtown R.D.	6	11	0	0	5	3

BIRTH RATE PER 1,000 POPULATION

	1966	1965
Llanidloes	13.14	13.08
Machynlleth U.D.	12.71	12.29
Newtown U.D.	15.82	16.39
Machynlleth R.D.	11.26	11.07
Newtown/Llanidloes R.D.	12.74	13.60
Urban Areas in County.	15.40	15.13
Rural Areas in County.	13.22	14.82
Montgomeryshire.	14.19	14.95
England and Wales.	17.7	

STILL BIRTH RATE PER 1,000 TOTAL LIVE & STILL BIRTHS

	1966	1965
Llanidloes	32	0
Machynlleth U.D.	43	0
Newtown U.D.	23	11
Machynlleth R.D.	33	0
Newtown/Llanidloes R.D.	0	0
Urban Areas in County	25	15
Rural Areas in County	12	5
Montgomeryshire	18	9
England and Wales.	15.4	

INFANTILE MORTALITY

This refers to the deaths of infants in the first year of life.

INFANT MORTALITY RATE

(Number of infant deaths per 1,000 live births.)

	1966	1965
Llanidloes	32.3	32.3
Machynlleth U.D.	0	0
Newtown U.D.	11.5	33.3
Machynlleth R.D.	33.3	0
Newtown/Llanidloes R.D.	18.5	25.9
Urban Areas in County	14.1	21.6
Rural Areas in County	17.8	13.3
Montgomeryshire	16.1	16.8
England and Wales	19.0	

DEATHS

	1966			1965		
	Male	Female	Total	Male	Female	Total
Llanidloes	18	26	44	33	25	58
Machynlleth U.D.	7	9	16	21	6	27
Newtown U.D.	30	39	69	46	32	78
Machynlleth R.D.	17	26	43	25	13	38
Newtown/Llanidloes R.D.	53	38	91	50	46	96

Death rate per 1,000 population

	1966	1965
Llanidloes	18.64	24.57
Machynlleth U.D.	8.84	15.08
Newtown U.D.	12.55	14.21
Machynlleth R.D.	16.10	14.02
Newtown R.D.	10.73	11.25
Urban Areas in County	13.99	14.09
Rural Areas in County	12.31	12.09
Montgomeryshire	13.02	12.93
England and Wales	11.7	

Infant Deaths.

Llanidloes.

There was one infant death - a girl aged 3 months and the cause of death was bronchopneumonia and fibrocystic disease.

Newtown Urban District.

There was one infant death - a boy who lived for only one day - the cause of death being respiratory failure, hyaline membrane disease and extreme prematurity.

There were three deaths in young children:-

(1) A girl of 15 months who died from pneumonia.
(2) A girl of 17 months who died from acute gastro-enteritis.
(3) A boy age 7 who was accidentally drowned.

Machynlleth Urban District.

There were no infant deaths.

Machynlleth Rural District.

There was one infant death - a girl of 12 hours - death being due to respiratory distress syndrome and hyaline membrane.

Newtown & Llanidloes Rural District.

There were two infant deaths:-

A girl who died after 3 hours from prematurity.
A boy who died at 2 days from prematurity and hyaline membrane.

Two young children died:-

A girl of 17 months from intussusception.
A boy of 2 years from status epilepticus.

POPULATION TREND SINCE 1951

Year	LLANIDLOES M.B.			MACHYNLLETH U.D.			NEWTOWN U.D.			MACHYNLLETH R.D.			NEWTOWN & LLANIDLOES R.D.		
	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths
1951	2346	30	26	1875	40	27	5386	90	89	3240	47	65	9343	146	109
1952	2289	31	39	1845	33	26	5376	94	84	3103	42	34	9397	149	100
1953	2323	26	34	1871	24	19	5334	102	60	3100	44	49	9257	127	123
1954	2330	29	45	1860	20	29	5360	83	53	3100	22	43	9240	145	116
1955	2320	27	46	1840	28	25	5360	79	56	3080	38	40	9220	121	121
1956	2330	29	36	1830	25	25	5380	89	68	3040	35	39	9100	140	96
1957	2330	34	28	1830	20	25	5370	82	57	3040	35	51	9100	146	94
1958	2340	31	36	1810	31	25	5360	88	58	3010	36	47	9080	147	114
1959	2330	27	40	1840	23	29	5370	85	76	2980	49	40	9080	134	103
1960	2320	30	28	1800	25	27	5390	85	48	2890	30	44	9010	150	95
1961	2350	28	29	1840	29	39	5450	80	60	2800	25	36	8650	122	93
1962	2360	24	39	1840	34	29	5430	73	84	2840	38	36	8510	139	107
1963	2350	29	48	1840	21	30	5460	92	64	2780	40	44	8490	148	104
1964	2350	38	37	1810	28	26	5490	77	71	2740	29	36	8500	129	89
1965	2370	31	58	1790	22	27	5490	90	78	2710	30	38	8530	116	96
1966	2360	32	44	1810	24	16	5500	89	69	2670	31	43	8480	108	91

CAUSE OF DEATH	LLANIDLOES						MACHYNLLETH U.D.						NEWTOWN U.D.						MACHYNLLETH R.D.						NEWTOWN/LLANIDLOES R.D.					
	1965			1966			1965			1966			1965			1966			1965			1966			1965			1966		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Respiratory Tuberculosis	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0
Other Forms of Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Syphilitic Disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Infective and Parasitic Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoOlasm-stomach	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	2	2	1	2	3	0	1	1
Malignant neoplasm-lung and bronchus	2	0	2	0	0	0	1	0	1	2	0	2	1	0	1	3	2	5	1	0	1	0	0	0	2	0	2	2	0	2
Malignant neoplasm-uterus	-	1	1	-	1	1	-	0	0	-	0	0	-	2	2	-	0	0	-	0	0	-	0	0	-	1	1	-	0	0
Malignant neoplasm-breast	-	0	0	0	0	0	-	0	0	0	1	1	-	1	1	0	1	1	-	1	1	-	0	0	-	0	0	-	2	2
Other Malignant & Lymphatic Neoplasms	2	3	5	2	1	3	4	0	4	0	1	1	3	3	6	3	3	6	3	1	4	1	2	3	2	4	6	8	3	11
Leukaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Diabetes	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
Vascular Lesion of Nervous System	4	5	9	2	5	7	4	0	4	1	1	2	9	7	16	6	6	12	5	2	7	2	11	13	7	10	17	8	4	12
Coronary Disease - Angina	10	3	13	4	5	9	5	0	5	0	2	2	9	7	16	6	8	14	7	1	8	6	0	6	11	7	18	8	5	13
Hypertension with heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	0	2	0	0	0	0	0	0	2	1	3
Other Heart Disease	1	3	4	4	3	7	2	5	7	1	3	4	11	3	14	2	6	8	4	1	5	5	6	11	9	10	19	4	6	10
Other Circulatory Disease	2	2	4	2	5	7	0	0	0	0	0	0	2	1	3	0	0	0	0	2	2	0	1	1	3	4	7	4	3	7
Influenza	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	2	2
Pneumonia	3	0	3	1	0	1	1	0	1	0	0	0	2	3	5	1	1	2	0	2	2	0	1	1	6	2	8	2	1	3
Bronchitis	3	1	4	0	1	1	1	0	1	0	0	0	5	0	5	1	1	2	0	0	0	1	0	1	0	0	0	3	0	3
Other Diseases of Respiratory System	1	0	1	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
Ulcer of Stomach and Duodenum	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	1	0
Gastritis, Enteritis, Diarrhoea	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Nephritis, Nephorisis	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Hyperplasia of Prostate	0	-	0	1	-	1	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0
Pregnancy, Childbirth, Abortion	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0
Congenital Malformations	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Other Defined & Ill-defined Diseases	2	5	7	1	4	5	1	1	2	0	0	0	2	1	3	3	4	7	1	1	2	1	2	3	4	2	6	4	3	7
Motor Vehicle Accidents	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	2	2	4
All other Accidents	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1	0	1	0	0	0	0	2	2	2	1	3
Suicide	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1
Total:	33	25	58	18	26	44	1	6	27	7	9	16	46	3[illegible]	78	30	39	69	25	13	38	17	26	43	50	46	96	53	38	91

AGE AT DEATH

AGE	LLANIDLOES R.D.						MACHYNLLETH U.D.						NEWTOWN U.D.						MACHYNLLETH R.D.						NEWTOWN AND LLANIDLOES R.D.					
	1965			1966			1965			1966			1965			1966			1965			1966			1965			1966		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 4 weeks	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	1	1	0	0	0	1	1	2
4 weeks and under 1 year	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0
1 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	1	0	0	0	0	0	0	0	0	0	1	2	3
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	2
25 - 34 years	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	0	0
35 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0	2	2	0	0	0	1	0	1	3	0	3
45 - 54 years	2	1	3	0	3	3	4	2	6	1	0	1	2	1	3	1	0	1	0	0	0	1	1	2	1	0	1	2	1	3
55 - 64 years	7	2	9	4	3	7	7	0	7	3	1	4	8	4	12	7	3	10	4	3	7	5	2	7	11	4	15	8	4	12
65 - 74 years	3	5	8	3	4	7	6	2	8	0	3	3	16	7	23	9	8	17	8	4	12	5	7	12	6	7	13	9	12	21
75 years and over	21	15	36	11	15	26	4	2	6	3	5	8	17	16	33	11	26	37	13	4	17	6	14	20	28	32	60	28	17	45
TOTAL	33	25	58	18	26	44	21	6	27	7	9	16	46	32	78	30	39	69	25	13	38	17	26	43	50	46	96	53	38	91

INFECTIOUS DISEASES.

The following diseases are notifiable :-

Scarlet fever, Whooping cough, Measles, Acut poliomyelitis, Diptheria Smallpox, Meningococcal infections, Acute encephalitis, Dysentery, Ophthalmia neonatorum, Peurperal pyrexia, pneumonia, paratyphoid, food poisoning, erysipelas.

LLANIDLOES.

No infectious disease was notified.

MACHYNLLETH URBAN DISTRICT.

No infectious disease was notified.

NEWTOWN & LLANLLWCHAIARN URBAN DISTRICT.

No infectious disease was notified.

MACHYNLLETH RURAL DISTRICT.

One case of measles in a boy of twelve years.

NEWTOWN & LLANIDLOES RURAL DISTRICT.

Two cases of Measles were notified :-

A boy age 3 years.

A girl age one year.

TUBERCULOSIS.

LLANIDLOES.

Two cases of tuberculosis were notified :-

A man age 60 years with genito-urinary involvement

A woman age 50 years with pulmonary involvement.

Four names were removed from the Register.

(1) due to recovery - a man aged 32 yrs in 1960 when notified with pulmonary tuberculosis.

(2) due to recovery - a man of 67 in 1950 when notified with pulmonary tuberculosis.

(3) due to death - a man of 75 in 1958 when notified with pulmonary tuberculosis.

(4) due to death - a man of 76 in 1963 when notified with genito-unirary involvement.

There were thirteen names on the register at the end of the year.

MACHYNLLETH URBAN DISTRICT

Two names were put on the Register having come to live in the town:-

(1) A female of 57 with pulmonary tuberculosis.

(2) A female of 75 with pulmonary tuberculosis.

Four names were removed from the Register :-

(1) Due to recovery - a female age 47 in 1961 when notified with abdominal tuberculosis.

(2) Due to recovery - a female age 28 in 1961 when notified with pulmonary tuberculosis.

(3) Due to recovery - A boy age 12 in 1962 when notified with pulmonary tuberculosis.

(4) Due to death - A male age 61 who moved here in 1965 with pulmonary tuberculosis.

There were fourteen names on the Register at the end of the year.

NEWTOWN URBAN DISTRICT.

Three names were put on the Register.

(1) A man age 40 notified with pulmonary tuberculosis.

(2) A man age 32 with pulmonary tuberculosis who has come to live in the district.

(3) A boy age 9 with cervical gland involvement who has come to live in the district.

Three names were removed from the Register:

(1) Due to recovery - a man age 30 in 1959 when notified with pulmonary tuberculosis.

(2) Due to recovery - a man age 45 who moved into this area in 1964 and who had suffered from pulmonary tuberculosis.

There were sixteen names on the Register at the end of the year.

MACHYNLLETH RURAL DISTRICT.

One name was put on the Register - a woman age 73 who was suffering from pulmonary tuberculosis.

Three names were removed from the register.

(1) Due to recovery - a woman who was 33 in 1953 when notified with pulmonary tuberculosis.

(2) Due to recovery - a woman who was 64 in 1960 when notified with pulmonary tuberculosis.

(3) Due to death, the woman of 73 who was notified earlier in the year.

There were seventeen names on the Register at the end of the year.

NEWTOWN & LLANIDLOES RURAL DISTRICT

It was rather disturbing to have six new cases of tuberculosis notified during the year.

A woman of 36 and five men, ages 39, 44, 47, 65 and 71 year all with pulmonary tuberculosis.

Six names were removed from the Register.

(1) Due to recovery - a woman aged 34 in 1948 when notified with pulmonary tuberculosis.

(2) Due to recovery - a woman age 23 in 1958 when notified with pulmonary tuberculosis.

(3) Left the district, a man of 76 in 1963 when notified with genito-urinary involvement.

(4) Changed diagnosis and subsequent death a woman of 57 who moved into this area in 1965.

(5) Left the district a man of 77 notified in 1963 with pulmonary tuberculosis.

(6) Due to death the man of 71 notified earlier in 1966.

There were twentynine names on the Register at the end of the year.

VACCINATION AGAINST TUBERCULOSIS.

This procedure is offered to children of thirteen years and over during the year I vaccinated children who gave a negative Mantoux reaction at the appropriate schools in the area.

Children who are Mantoux positive are referred to the Chest Physician for further investigation.

Babies are vaccinated by the Chest Physician where there is a family history of tuberculosis.

**

(3) Diagnosis was changed in a man of 40 who was notified in mid 1966 as suffering from pulmonary tuberculosis.

MASS RADIOGRAPHY

The Unit visited Newtown regularly at about three weekly intervals throughout the year.

1st Quarter	119 examined. 118 General population volunteers. 1 Referred by General Practitioner.
2nd Quarter.	105 Examined. 102 General population volunteers. 3 Referred by General Practitioner.
3rd Quarter	47 Examined. 47 General population volunteers.
4th Quarter	80 Examined. 80 General population volunteers.

SPECIAL SURVEY AT LLYS MALDWYN HOSPITAL

Mental patients.	97
Nursing Staff.	26
Other Staff.	15
General Population	5.

GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT.

Ambulance.

The local service consists of the St.John Ambulance and is responsible to the Ambulance Committee of the County Council Health Committee.

Telephone, after 5.30p.m. Newtown 6866 or 273
Caersws 236 or 201
Llanidloes 381 or 213
Machynlleth 2158 or 2179

Between 9a.m. and 5.30p.m. calls should be made to Newtown 6734.

Sitting Car Service. All enquiries should be made to:

County Health Office. Newtown Tel.Newtown 6734.

Children's Officer.

This Office is established by the County Council under the terms of the Children's Act, 1948.

The children's officer is :-

Mr.W.E.Jones,
County Offices,
Welshpool. Tel: Welshpool 3311.

Domicilinary Midwifery and Home Nursing.

The district is served by the following nurses who combine district nursing and midwifery.

Miss C.Lloyd Jones, Bryneglwys, Newtown. Tel.Newtown 497.	Newtown, Mochdre, Dolfor, Kerry, Sarn, Abermule.
Miss E.M.Savage, Glanhafren, Pool Road, Newtown. Tel.Newtown 510.	Tregynon, Bettws, New Mills, Manafon, Adfa, Dwlchyffridd.
Mrs. R.E.Jones, Dudley House, Llanidloes. Tel. Llanidloes 244.	Llanidloes, Llangurig, Cwmbelan, Old Hall.
Mrs.J.A.Griffiths, Tynycoed, Llandinam. Tel.Caersws 344	Llandinam, Oakley Park, Llidiartywaen.
Mrs.C.Hamer, 19, Garden Suburb, Llanidloes. Tel. Llanidloes 423.	Caersws, Llanwynog, Aberhafesp part ofMochdre, Trefeglwys.
Mrs.A.S.Peate, Y Glyn, Carno. Tel. Carno 215.	Carno, Clatter, Pontdolgoch, Llanbrynmair, Bont, Staylittle, Talerddig.
Mrs.S.Jones, Clegyrnant, Llanbrynmair. Tel. Llanbrynmair 280	Machynlleth, Derwenlas, Cemmaes, Cemmaes Rd. Cwmlline, Aberhosan, Abercegir, Commins Coch, part of Aberangell.
Mrs.P.Edwards, Llawrcoed Ucaf, Llanbrynmair, Tel.Llanbrynmair 325.	Relief Nurse for Machynlleth and Llanbrynmair Districts.

Health Visitors.

Miss Baker	covers Machynlleth Urban and Rural Districts and also Carno.
Miss Lewis.	covers the area of Llanidloes, Llangurig, Llandinam, Staylittle, Llawryglyn and Trefeglwys.
Miss N.L.Jones.	is responsible for Newtown, Dolfor and Mochdre.
Mrs.E.F.Humphreys.	covers Sarn, Kerry, Abermule, Tregynon, Caersws, Clatter and Aberhafesp.
Mrs.Ryder.	Covers Cefn Coch, New Mills in addition to a large part of Forden and Llanfyllin Rural Districts.

Home Help Service.

This service continues to provide domestic help in many and varied circumstances in the care of elderly in their homes and in cases of sickness and home confinements.

For further information apply to :-

The Home Help Organiser,
Mrs.Rhoda Goodwin,
County Health Office,
Newtown, Tel.Newtown 6734.

Hospitals.

The following hospitals are situated in the district :-

County Infirmary, Newtown.
Llanidloes and District Hospital.
Machynlleth, Corris and District Hospital.

These all take surgical, medical and maternity cases and are controlled by the Mid-Wales Hospital Board, Aberystwyth.

Laboratory Service.

Constant use is made of both the Public Health Laboratories at Shrewsbury and Aberystwyth.

Maternity and Child Welfare.

The County Council is responsible for this service and infant welfare clinics are held regularly throughout the district :-

Newtown Park St.Clinic, every Wednesday afternoon.
Llanidloes Clinic 2nd & last Wednesday afternoon.
Caersws, School Room Presbyterian Chapel, last Friday afternoon.
Machynlleth, Doll Street Clinic, second and fourth Tuesday afternoon.
Llanbrynmair, Village Hall, second Thursday afternoon.

Tuberculosis.

This service is controlled by the regional hospital board and the chest physician, Dr.G.O.Thomas holds clinics in this area :-

Newtown County Infirmary, second and fourth Tuesdays, 11a.m.
Llanidloes Hospital, Saturday before last Tuesday, 10.30a.m.
Machynlleth Chest Hospital every Wednesday 10a.m.

Vaccination against Small Pox.

The procedure is encouraged at the age of 12 months and is mostly carried out by general practitioners.

I vaccinate at Machynlleth Clinic and also at Llanbrynmair Clinic.

Protection against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis.

The following schedule is the one most commonly adopted :-

3 months - Diphtheria, Whooping Cough and Tetanus.
4 " " " "
5 " " " "
6 " - 1st oral polio.
7 " - 2nd oral polio.
8 " - 3rd oral polio.

Small pox after 1st birthday.

School entry Booster diphtheria and tetanus
4th polio.

8 - 12 years Booster diphtheria and tetanus
Small pox re-vaccination.

13 years B.C.G.Baccination.

MONTGOMERYSHIRE WATER BOARD

Water Supplies.

a. The water supply of the area has been in general satisfactory both in quality and in quantity.

b. i. Bacteriological examination of all the sources in the area is carried out regularly, examination being made primarily of treated water but with occasional raw water samples being taken.

The results of bacteriological examinations of supplies in the area are given in Appendix 'A'.

ii. One sample for chemical analysis is normally taken from each source annually. During 1966, 17 No. analyses were carried out and the results indicate that all sources are satisfactory for public water supply.

These results are attached.

iii. Fluoride content of the various supplies is less than 0.001 p.p.m.

c. The only water having certain plumbo-solvent action is from the borehole source at Llanguric. Precautionary measures are under investigation at present.

d. The normal measures taken following the report of unsatisfactory samples are to increase the dosage of sodium hypochlorite and to carry out a systematic flushing of mains, with a further sample being taken.
The mains from the source at Llanbrynmair, where the bulk of unsatisfactory samples have been obtained, have been flushed over their whole length and at present samples from this source and all the Board's sources in the area are highly satisfactory.

4. The number of dwelling houses supplied direct from the mains and by stand-pipe are given in the attached Appendix 'B'.
It is unfortunately not possible to give an accurate figure for the population supplied.

APPENDIX 'A'

MONTGOMERYSHIRE WATER BOARD

SAMPLES, 1966

Source	Chemical	Bacteriological				Total
		Satisfactory		Unsatisfactory		
		Raw	Treated	Raw	Treated	
Adfa	1	-	2	-	3	5
Manafon	-	-	4	-	-	4
Tregynon	-	-	3	-	3	6
Kerry	3	-	5	-	-	5
Sarn	1	-	5	-	-	5
Carno	1	-	5	-	-	5
Llanwnog	-	-	3	-	-	3
Caersws	1	-	10	-	-	10
Draintewion	1	-	4	-	1	5
Cwmffrwd	1	-	5	-	-	5
Dolfor	1	-	3	-	-	3
Newtown	1	-	12	-	2	14
Llanidloes	2	-	12	-	-	12
Cwmbelan	1	-	4	1	-	5
Llangurig	1	-	3	-	1	4
Cwmllinau	-	-	3	-	-	3
Cemmaes	-	1	2	2	2	7
Llanbrynmair	2	-	16	7	9	32
Ceinws	-	-	-	-	1	1
Machynlleth	1	2	15	2	-	19
Abercegir	-	2	5	-	-	7
Abernangell	-	-	1	-	-	1
	18	5	122	12	22	161

CHEMICAL AND PHYSICAL EXAMINATION OF WATER

	Llanbrynmair	Machynlleth	Llangurig Borehole	Cembelan	Carno Borehole	Newtown	Caersws	Cwmffrwd	Draintewion	Adfa	Llanidloes	Llanidloes	Kerry Borehole	Kerry (Treated)	Kerry (Untreated)	Sarn Borehole	Stepaside (Dolfor Borehole)
	17.5.66	17.5.66		11.10.66	11.5.66	27.4.66	27.4.66	8.6.66	8.6.66	8.6.66	11.5.66	13.7.66	3.8.66	18.10.66	18.10.66	3.8.66	11.10.66
PHYSICAL.																	
Colour (Hazen)	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0
Turbidity	0	0	0	4	0	0	0	0	6	20	10	0	0	0	4	0	0
Conductivity @ 20°C (micromhos/cm)	140	80	130	190	290	170	200	190	210	410	100	100	410	390	375	350	250
Total Solids @ 180°C (mg/l)	105	75	50	90	150	115	115	120	115	400	20	30	280	240	235	235	145
pH.	8.42	7.77	6.10	6.72	7.05	7.30	10.00	7.42	9.41	6.93	6.80	7.60	8.68	7.20	7.08	6.10	7.32
CHEMICAL																	
Chloride (Cl)	16	16	14	12	20	14	16	16	18	15	8	12	32	21	18	32	22
Ammonia, Free & Saline (N)	0	0	0.040	0.025	0	0	0	0	0	0.050	0	0	0.050	0	0	0.070	0.015
Ammonia, Albuminoid (N)	0.200	0	0.045	0.015	0.025	0.030	0.040	0	0	0.075	0	0.090	0.050	0	0	0.040	0.020
Nitrate (N)	TRACE	0.4	0.9	0.70	1.20	1.5	0	0	0.5	0.80	1.0	0.70	2.4	0.90	0.20	3.9	1.90
Nitrite (N)	0	0.006	0	0	0	0	0	0	0.018	0.016	0	0	0	0.008	0	0	0
Oxygen dissolved	10.24	8.88	8.16	7.76	8.00	9.56	9.56	9.28	8.44	7.52	8.24	8.88	8.08	6.56	6.16	8.76	8.64
Oxygen absorbed	0.80	0.08	0.24	0.12	0.24	0.36	0.12	0.56	1.20	0.16	0.80	1.68	0	0.48	0.64	0	0.52
Alkalinity ($CaCO_3$)	16	4	24	72	106	30	34	54	54	158	8	20	182	150	126	155	78
Total Hardness ($CaCO_3$)	30	20	36	74	72	56	56	68	60	186	24	28	144	176	154	176	96
Calcium ($CaCO_3$)	14	6	22	58	44	40	30	46	38	120	14	24	88	132	128	150	82
Non Carbonate Hardness	14	16	12	2		26	22	14	6	28	16	8	0	26	28	21	18
Free Carbon Dioxide	0.8	0.6	12.4	0	2.8	2.4	0	1.2	0	2.4	1.2	2.4	0	5.6	6.8	0.4	1.0
Iron (Fe)	0.020	0	0	0	0	0	0	0	0	0	0	0	0	0.08	0.020	0	0
Aluminium (Al)	0.10	0	0	0	0	0.10	0	0.16	0.24	0	0.40	0.6	0.04	0	0	0	0
Lead (Pb)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manganese (Mn)	0	0	0.15	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0
Free Chlorine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTGOMERYSHIRE WATER BOARD

Connections to Mains

Dwelling Houses

Area	Supplied Direct	By Stand Pipe
Llanidloes Borough	1,176	3
Machynlleth U.D.C.	781	-
Machynlleth R.D.C.		
Caereinion Fechan	3	-
Cemmaes	103	11
Darowen	35	18
Isygarreg	45	-
Llanbrynmair	105	-
Llanwrin	85	-
Penygoes	51	-
Uwchygarreg	20	-
Newtown & Llanllwchaiarn U.D.C.	2,012	151
Newtown & Llanidloes R.D.C.		
Aberhafesp	4	-
Bettws	35	-
Carno	90	5
Kerry	172	4
Llandinam	135	4
Llangurig	55	14
Llanidloes (Without)	23	-
Llanllugan	-	-
Llanwnog	274	-
Llanwyddelan	27	1
Manafon	31	-
Mochdre	23	-
Penstrowed	-	-
Trefeglwys	-	-
Tregynon	51	-

NEWTOWN AND LLANIDLOES RURAL DISTRICT COUNCIL.

I8, High Street,
Newtown, Montg.

A.J.MADDOCKS,MA.P.H.I.,
Surveyor and Senior
Public Health Inspector.

PUBLIC HEALTH INSPECTORS ANNUAL REPORT.

To the Chairman and Members of the Council,

I beg to submit my report for the year ended 3Ist. December I966.

The following is a summary and classification of inspections carried out during the year :-

PUBLIC HEALTH ACT I936.

NUISANCES.
a...Number of complaints.....49
b...Nuisances verified..... 9
c...Revisits.....I5
BUILDING REGULATIONS.....379
REFUSE DISPOSAL. 29
SEWAGE DISPOSAL.
a...Private.....I04
b...Public.....I8I
PUBLIC CONVENIENCES..... 25
WATER SUPPLIES.
a...Private..... 69
b...Public..... 2I
WELFARE..... I4
MISCELLANEOUS.....I22

FACTORIES ACT I96I.

Inspections..... I5

PETROLEUM REG. ACTS I928/36.

Inspections.....I2

FOOD AND DRUGS ACT I955.

Inspections.....458

At 3Ist.December I966 a total of 23 premises were registered for the sale of Ice Cream.

HOUSING ACT I957.

Inspections..... 5I

A Closing Order was made in respect of one house prohibiting its use for any purpose.

HOUSING (FINANCIAL PROVISIONS) ACT I958/6I.

DISCRETIONARY GRANTS.
a...Initial advisory visits..... 4I
b...Revisits and inspections..... 73
STANDARD GRANTS.
a...Initial advisory visits..... 20
b...Revisits and inspections..... 43

The following are details of grants approved to date by the Council :-

I....DISCRETIONARY GRANTS.	No.of houses	Amount of Grant.
Grants approved to 3Ist. December I965	363	£ I0I876
Grants approved during I966	29	£ 9584
	392	£ III,460

Total amount of grants paid from the commencement of the Act to 3Ist. December I966.....£ 94,206.

2....STANDARD GRANTS.	No.of houses	Amount of Grant.
Grants approved to 3Ist. December I965	27	£ 3246
Grants approved during I966	I0	£ 2227
	37	£ 5473

Total amount of Grants paid from the commencement of the provisions to 3Ist. December I966.....£ 2,434.

THE OFFICE, SHOPS AND RAILWAY PREMISES ACT 1963.

a...Retails shops registered.....20
b...Number of premises inspected.....20

There were no accidents notified during the year.

CARAVAN SITES AND THE CONTROL OF DEVELOPMENT ACT 1960.

Number of inspections.....58
Number of site licences granted 1966..... 0
Total number of site licences granted
to 31st. December 1966.....15

WATER SUPPLIES.

The total number of samples taken during the year and submitted for analysis or examination was :-

a.....Chemical samples.....I Satisfactory.

b.....Bacteriological samples.....	Private	63	Public 25
Satisfactory	"	25	" 25
Unsatisfactory	"	38	" 0

MEAT INSPECTION.

The four private slaughterhouses continued to operate within the area. In each slaughterhouse, good hygienic practices were maintained, and I am pleased to report on the co-operation of the butchers concerned, in the carrying out of suggested improvements. There was no evidence of any contravention of the Prevention of Cruelty Regulations. It is also pleasing to record that the quality of the meat supplied to the public in this area continued to be excellent.
During the year, 100% inspection of carcases and organs was maintained, and the total throughput was as follows :-

BEASTS.....638 PIGS....529 SHEEP/LAMBS....4566

Meat condemned.

Livers.....Sheep 259 Beasts....50 Pigs....5
Heads.....Pigs 2
Carcases.....Sheep 4 + 40lb. Beasts 2 + 120 lb.

Other Food condemned.

Tinned meat.....24 lb.

HOUSING MANAGEMENT.

Inspections of Council houses made during the year totaled 264. Apart from isolated exceptions, the Councils tenants kept their houses and gardens in a satisfactory condition. It is regretted that one family was evicted from a Council house for non payment of rent. Every effort over a considerable period, had been made by the Council to encourage the tenant involved to fulfill his obligations. The arrears finally amounted to over £60- and the course taken by the Council was unavoid--able. The Welfare and Childrens Officers of the County Council were given prior notice of the intention to evict. The family moved into a caravan and finally found housing accommodation in another district.

The cost of housing maintenance continued to rise and it became more difficult to obtain Contractors to carry out jobbing repairs.

NEW DWELLING HOUSES.

During the year 4 Council houses at Dolfor were completed, and the following were commenced, Kerry 3 houses and 6 bungalows, Carno 4 houses and 4 bungalows, Bettws 4 bungalows.
In the case of private enterprise 25 houses were under construction at 31st. December 1966, and 17 completed during the year.

SEWERAGE AND SEWAGE DISPOSAL.

Sewage disposal schemes were in operation in the villages of Caersws, Llangurig, Carno, Kerry, Tregynon, Bwllchyffridd, Bettws and Stepaside, and work continued on the extension at Tregynon. The scheme at Clatter was commenced during the year.

SEWERAGE AND SEWAGE DISPOSAL CONTD.

A change was made in the system of maintenance in September, when a mobile gang of two full time operatives replaced all but one of the part time employees The part time attendant was retained at Llangurig sewage disposal works, because of the isolated situation.
The new men had no previous experience in this work, but proved to be very satisfactory.
I am confident that efficiency of operation and maintenance will be achieved with this new system.

BUILDING REGULATIONS 1965.

The operation of the Building Regulations commenced in February 1966. The new regulations proved to be complex and the work of advising builders and the small developers , increased. I was privileged to attend a two day course in Cardiff, dealing with this subject. This course was invaluable in guiding my approach to these Regulations, which, properly administered cannot fail to improve the standard of building operations generally. During the year 185 applications, for permission to carry out works were received and considered, of these, 12 applications were rejected, for failing to indicate compliance with the Regulations. All the rejected applications were resubmitted in ammended form and finally approved. In connection with the Structural Fire Precautions, of the Building Regulations, I would like to record my appreciation for the advice readily given by the Chief Officer of the Denbighshire and Montgomeryshire Joint Fire Service.

FLOODING.

Two Flood Warning 'Alerts' were received during December. One house in Caersws was slightly affected but no other dwellings were known to have been flooded. The Clywedog Dam had begun to operate and was holding back water during this period. Although no authoritative statements were made regarding the relief afforded , it is felt that considerable benefit could be attributed to the Clywedog Scheme.

RAINFALL.

The following is the total annual rainfall :

CAERSWS 36.63 ins. CARNO 53.18 ins. TREFEGLWYS 41.91 ins.

PREVENTION OF DAMAGE BY PESTS ACT 1949...RODENT CONTROL.

Type of Premises.	No. of properties surveyed	No.of infest-ations found	No. of infest-ations treated	No, of premises treated by Occupier	Number of inspections and revisits made in Conn-ection with treatments.
Agricultural	613	105	103	2	1244
Business	54	27	26	1	155
Private Dwellings	229	38	38	-	530
Local Authority	20	9	9	-	155
Totals	916	179	176	3	2084

The number of contracts at 31st. December 1966 was 44, an increase of 2.

Signed....A.J. MADDOCKS.

Senior Public Health Inspector.